

Title (en)  
POLYTETRAFLUOROETHYLENE LAMINATE

Title (de)  
POLYTETRAFLUOROETHYLENLAMINAT

Title (fr)  
LAMINE EN POLYTETRAFLUORETHYLENE

Publication  
**EP 1125731 A1 20010822 (EN)**

Application  
**EP 99931476 A 19990722**

Priority  
• JP 9903915 W 19990722  
• JP 23133698 A 19980818

Abstract (en)  
To provide a PTFE laminated article having a sufficient adhesive strength and a PTFE backing sheet having a low permeability, in which a specific weight of a PTFE sheet can be maintained high. A specific weight of the PTFE sheet is maintained at 2.175 or more by carrying out thermo-fusing of the PTFE sheet and a film or sheet of heat-meltable resin such as PFA after interposing a layer of PTFE fine particles between them or by carrying out treatment for preventing a rapid temperature lowering after the thermo-fusing without interposing the layer of PTFE fine particles. <IMAGE>

IPC 1-7  
**B32B 27/30**; **B29C 65/40**; **B29C 65/00**; **B32B 27/12**; **B32B 31/00**; **C08J 5/12**

IPC 8 full level  
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CPC (source: EP KR US)  
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Cited by  
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